```
Set      Items     Description
S1     1251105    S SEMICONDUCTOR? OR SEMI()CONDUCTOR? OR ASIC? ? OR INTEGRATED?()CIRCUIT?
OR IC()CIRCUIT?
S2      437245    S ICCIRCUIT? OR ICCHIP? OR IC()CHIP? OR (SEMICONDUCT? OR
SEMI()CONDUCT?)()(CHIP? OR MODULE? OR DEVIC?)
S3       57939    S CRC OR (SELF OR AUTO)()(ASSESS? OR MONITOR? OR COMPAR? OR SIMULAT?) OR
DUT? ? OR MUT? ? OR UNDERTEST?
S4       12604    S (SELF OR AUTO)()(EXAMIN? OR INSPECT? OR APPRAIS? OR EVALUAT? OR ANALY?)
OR TROUBLESHOOT? OR DEBUG?
S5      158125    S DETECT?(3N)(FAULT? OR ERROR? OR ABNORMAL? OR ANOMAL? OR MISMATCH? OR
DEFECT?)
S6        3687    S BIST OR SELFTEST? OR AUTOTEST? OR (AUTO OR SELF)()TEST?
S7      177624    S MULTIPLEX? OR MULTIPLIER? OR MUX OR MUXES OR MUXED OR MUXING
S8      446385    S DOUBL? OR TRIPL? OR QUADRUPL? OR MULTIPLY?
S9     3436903    S TIME? OR CLOCKTIME? OR CLOCK?
S10    3700651    S TIME? OR TEMPORAL? OR CLOCKTIME? OR DURATION? OR INTERVAL? OR TEMPO?
S11        310    S S1:S2 AND S3:S6 AND S7:S8 AND S9:S10
S12       4077    S S3:S6 AND S7:S8 AND S9:S10
S13       4077    S S11:S12
S14        747    S LOW OR SEED? OR ROOT? OR ORIGINAL? OR INITIAL? OR LOWSPEED OR SLOW? OR
TIMES()(SMALLER OR LITTLER)
S15       1010    S HIGH OR HIGHSPEED? OR ACCELERAT? OR (SPEED? OR SPED)()UP OR FAST? OR
QUICK?
S16          9    S TIMES()(GREATER OR LARGER OR BIGGER)
S17       3476    S SIGNAL? OR INPUT? OR COMMAND? OR DATA? OR CAD(3N)(COMMAND? OR ADDRESS?
OR DATA?)
S18       2601    S FREQUENC? OR OUTPUT? OR CADBIT? OR CAD()BIT? ? OR DATASIGNAL? OR
OUTSIGNAL? OR INSIGNAL?
S19        125    S INDATA? OR OUTDATA? OR INSTRUCTION?
S20        767    S MEMOR? OR (STORAG? OR STORING? OR STORE?)(2N)(DEVICE? OR LOCATION?)
S21        487    S SHIFT()REGISTER? OR SHIFTREGISTER? OR LFSR? ? OR REGISTER?
S22       1024    S BETWEEN? OR SANDWICH? OR INTERSPAC? OR INTERPOSED? OR INTERCEPT?
S23        384    S FEEDBACK? OR FEED?()BACK? OR CLOSED()LOOP? OR REPEAT? OR REPETIT? OR
ITERAT? OR RECYCL? OR (READ? OR TRANSFER?)()(AGAIN OR ANEW)
S24        232    S REDUNDAN? OR REPROCESS? OR REITERAT? OR RETRANSMI? OR RESEND? OR
REDISPATCH OR REROUT? OR (SEND? OR SENT OR TRANSMI?)()BACK OR LOOPBACK? OR LOOP?()BACK?
S25          1    S RECAPITULAT? OR START?()OVER OR (ASCEND? OR DESCEND?)()ORDER?
S26        738    S IC=G06F?
S27        828    S MC=(S01? OR T01? OR U11? OR U13? OR U21?)
S28       2024    S S13 AND S3:S6 AND S7:S8(5N)S17:S19 AND S9:S10
S29        176    S S28 AND S1:S2
S30        615    S S28 AND S9:S10(5N)S7:S8
S31        123    S S29 AND S7
S32         73    S S30 AND S20:S21(10N)S7:S8
S33        186    S S31:S32
S34         40    S S33 AND S22
S35         27    S S33 AND S23:S25
S36        116    S S33 AND S26:S27
S37         34    S S33 AND S14:S16(7N)(S7:S10 OR S23:S25)
S38        124    S S33 AND S1:S2
S39        186    S S33:S38
S40        113    S S39 AND S9:S10(10N)S7:S8
S41         37    S S40 AND AC=US/PR
S42         36    S S41 AND AY=(1970:2004)/PR
S43         34    S S41 NOT AY=(2005:2006)/PR
S44         76    S S40 NOT S41
S45         74    S S44 AND PY=1970:2004
S46         71    S S44 NOT PY=2005:2006
S47        110    S S42:S43 OR S45:S46
S48        110    IDPAT (sorted in duplicate/non-duplicate order)
   ; show files
```

[File 347] **JAPIO** Dec 1976-2005/Dec(Updated 060404)

[File 350] **Derwent WPIX** 1963-2006/UD,UM &UP=200638
File 350: Preview the enhanced DWPI through ONTAP DWPI (File 280). For more information, visit http://www.dialog.com/dwpi/.

Set   Items   Description
S1   2136054   S SEMICONDUCTOR? OR SEMI()CONDUCTOR? OR ASIC? ? OR INTEGRATED?()CIRCUIT? OR IC()CIRCUIT?
S2   324015   S ICCIRCUIT? OR ICCHIP? OR IC()CHIP? OR (SEMICONDUCT? OR SEMI()CONDUCT?)()(CHIP? OR MODULE? OR DEVIC?)
S3   118246   S CRC OR (SELF OR AUTO)()(ASSESS? OR MONITOR? OR COMPAR? OR SIMULAT?) OR DUT? ? OR MUT? ? OR UNDERTEST?
S4   68465   S (SELF OR AUTO)()(EXAMIN? OR INSPECT? OR APPRAIS? OR EVALUAT? OR ANALY?) OR TROUBLESHOOT? OR DEBUG?
S5   174438   S DETECT?(3N)(FAULT? OR ÉRROR? OR ABNORMAL? OR ANOMAL? OR MISMATCH? OR DEFECT?)
S6   17838   S BIST OR SELFTEST? OR AUTOTEST? OR (AUTO OR SELF)()TEST?
S7   301916   S MULTIPLEX? OR MULTIPLIER? OR MUX OR MUXES OR MUXED OR MUXING
S8   1619903   S DOUBL? OR TRIPL? OR QUADRUPL? OR MULTIPLY?
S9   7758988   S TIME? OR CLOCKTIME? OR CLOCK?
S10   9001475   S TIME? OR TEMPORAL? OR CLOCKTIME? OR DURATION? OR INTERVAL? OR TEMPO?
S11   685   S S1:S2 AND S3:S6 AND S7:S8 AND S9:S10
S12   4194   S S3:S6 AND S7:S8 AND S9:S10
S13   4194   S S11:S12
S14   1144   S LOW OR SEED? OR ROOT? OR ORIGINAL? OR INITIAL? OR LOWSPEED OR SLOW? OR TIMES()(SMALLER OR LITTLER)
S15   1463   S HIGH OR HIGHSPEED? OR ACCELERAT? OR (SPEED? OR SPED)()UP OR FAST? OR QUICK?
S16   10   S TIMES()(GREATER OR LARGER OR BIGGER)
S17   2109   S SIGNAL? OR INPUT? OR COMMAND? OR DATA? OR CAD(3N)(COMMAND? OR ADDRESS? OR DATA?)
S18   1291   S FREQUENC? OR OUTPUT? OR CADBIT? OR CAD()BIT? ? OR DATASIGNAL? OR OUTSIGNAL? OR INSIGNAL?
S19   65   S INDATA? OR OUTDATA? OR INSTRUCTION?
S20   326   S MEMOR? OR (STORAG? OR STORING? OR STORE?)(2N)(DEVICE? OR LOCATION?)
S21   140   S SHIFT()REGISTER? OR SHIFTREGISTER? OR LFSR? ? OR REGISTER?
S22   890   S BETWEEN? OR SANDWICH? OR INTERSPAC? OR INTERPOSED? OR INTERCEPT?
S23   439   S FEEDBACK? OR FEED?()BACK? OR CLOSED()LOOP? OR REPEAT? OR REPETIT? OR ITERAT? OR RECYCL? OR (READ? OR TRANSFER?)()(AGAIN OR ANEW)
S24   379   S REDUNDAN? OR REPROCESS? OR REITERAT? OR RETRANSMI? OR RESEND? OR REDISPATCH OR REROUT? OR (SEND? OR SENT OR TRANSMI?)()BACK OR LOOPBACK? OR LOOP?()BACK?
S25   1   S RECAPITULAT? OR START?()OVER
S26   0   S S13 AND S3:S6(7N)S1:S2 AND S9:S10(5N)S7:S8 AND S7:S8(5N)S17:S19 AND S20:S21
S27   29   S S13 AND S3:S6(7N)S1:S2 AND S9:S10(5N)S7:S8
S28   23   S S27 AND S17:S19
S29   3   S S27 AND S20:S21
S30   29   S S27:S29
S31   20   S S30 AND (S23:S25 OR S14:S16 OR S22)
S32   29   S S30:S31
S33   122   S S13 AND S1:S2 AND S17:S19 AND S20:S21
S34   78   S S33 AND S20
S35   7   S S33:S34 AND S1:S2(7N)S3:S6 AND S7:S8(5N)(S9:S10 OR S17:S19)
S36   34   S S32 OR S35
S37   28   S S36 AND PY=1970:2004
S38   28   S S36 NOT PY=2005:2006
S39   28   S S37:S38
S40   26   RD (unique items)
; show files

[File 2] **INSPEC** 1898-2006/Jun W2

[File 6] **NTIS** 1964-2006/Jun W2

[File 8] **Ei Compendex(R)** 1970-2006/Jun W2

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2006/Jun W2

[File 35] **Dissertation Abs Online** 1861-2006/May

[File 56] **Computer and Information Systems Abstracts** 1966-2006/Jun

[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2006/Jun

[File 65] **Inside Conferences** 1993-2006/Jun 19

[File 94] **JICST-EPlus** 1985-2006/Mar W3

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2006/May

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2006/Jun 09

[File 144] **Pascal** 1973-2006/May W4

[File 239] **Mathsci** 1940-2006/Jul

[File 256] **TecInfoSource** 82-2006/Jul